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ABSTRACT

What can the rocks in old stone walls say about how the earth's crust was shaped, melted by volcanoes, carved by glaciers, and worn by weather? What can they say about earlier people on the land and the first European settlers? The book, written for elementary-age children, tells the story of a New England farmer and his grandson walking beside the stone walls on the farm. As they walk, the farmer shares stories about the geologic history of the stones and their use by earlier peoples. The teacher's guide is designed around the questions that typical 10-year-old children might ask about earth science. The questions are grouped into three major subject areas: (1) Time; (2) The Earth in Space; and (3) Our Dynamic Earth. The questions within these categories are grouped according to themes such as The Origin of the Universe, The Rock Cycle, and What Happened To the Woolly Mammoth? Introductory material is provided for each section using language and comparisons that will make it easier for teachers to explore these subjects with students. The activities are designed so that students can discover answers for themselves. Resource lists in the guide provide suggestions for further reading and interesting Internet websites. (PVD)



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